

03 - HIGHWAY INDEX OF DRAWINGS

[illegible]

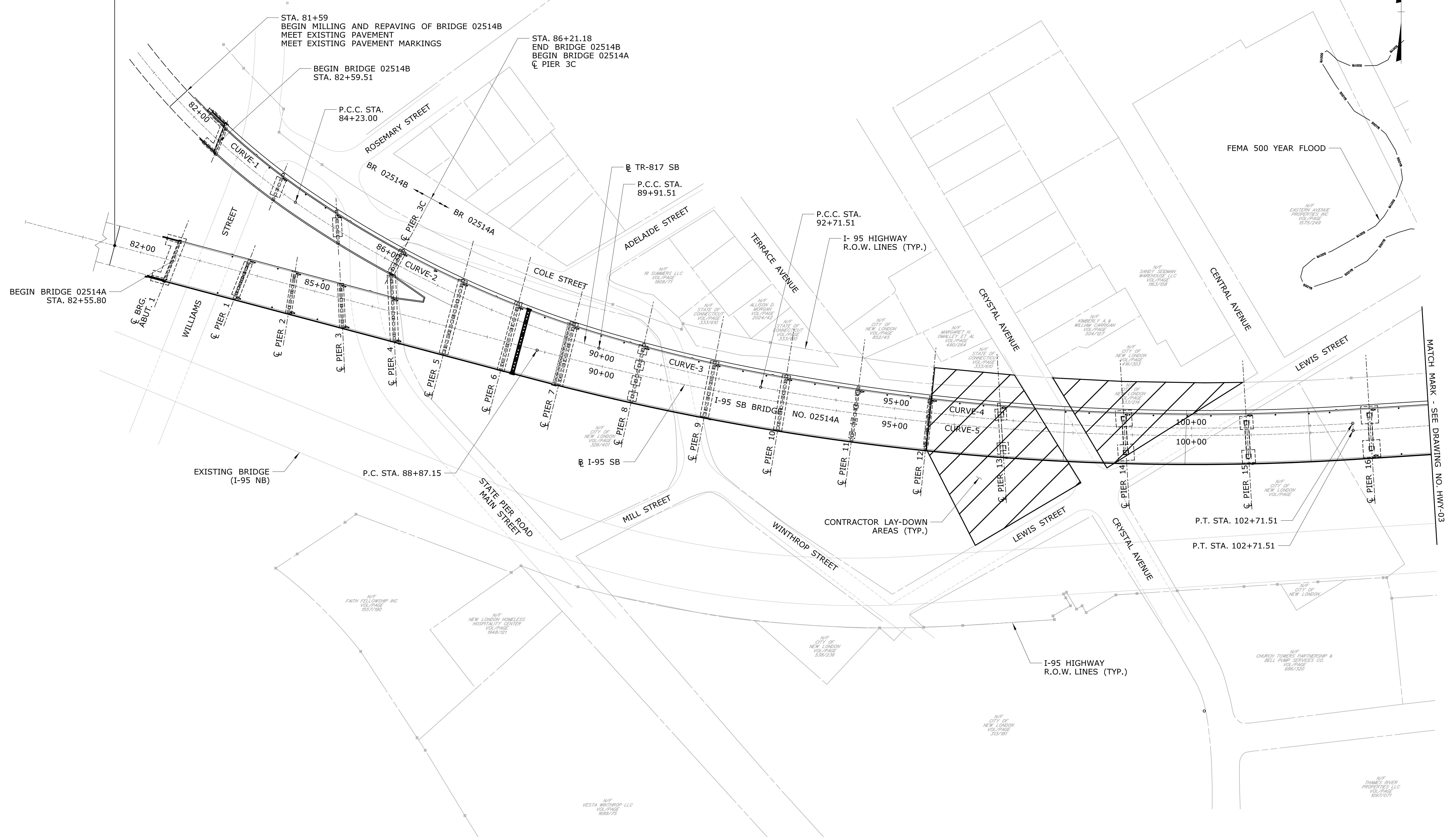
DESIGNED BY:
CARDINAL
ENGINEERING ASSOCIATES
Three Colony Street | Meriden | CT | 06451
Tel: 203.238.1969 | Fax: 203.630.2056
cardinalengineering.com

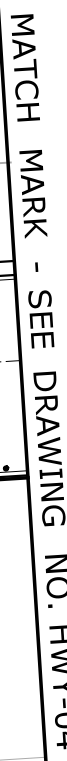
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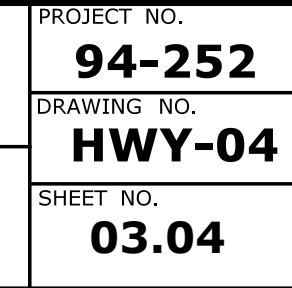
STA. 81+55
BEGIN MILLING AND REPAVING
MEET EXISTING PAVEMENT
MEET EXISTING PAVEMENT MARKINGS

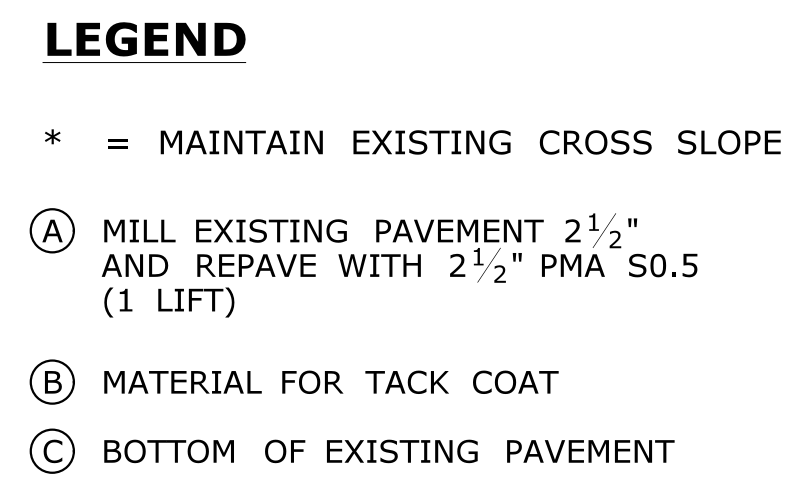
CURVE-5
DELTA=18° -27'-29.3"
D=1° -20'-00"
T=698.229'
L=1384.360'
R=4297.184'

NOTE: NON-HAZARDOUS AND HAZARDOUS MATERIALS SHALL BE STORED ABOVE THE 500 YEAR FLOOD PLAIN, INCLUDING, BUT NOT LIMITED TO LEAD PAINT (NON-HAZARDOUS, NON-RCRA WASTE) AND ASBESTOS.

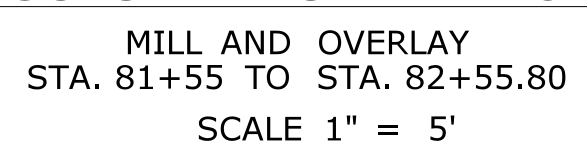
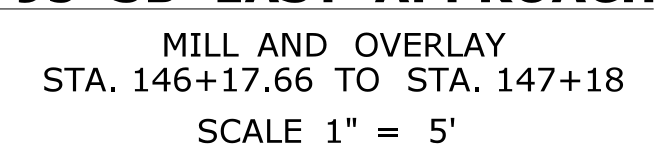
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[illegible]

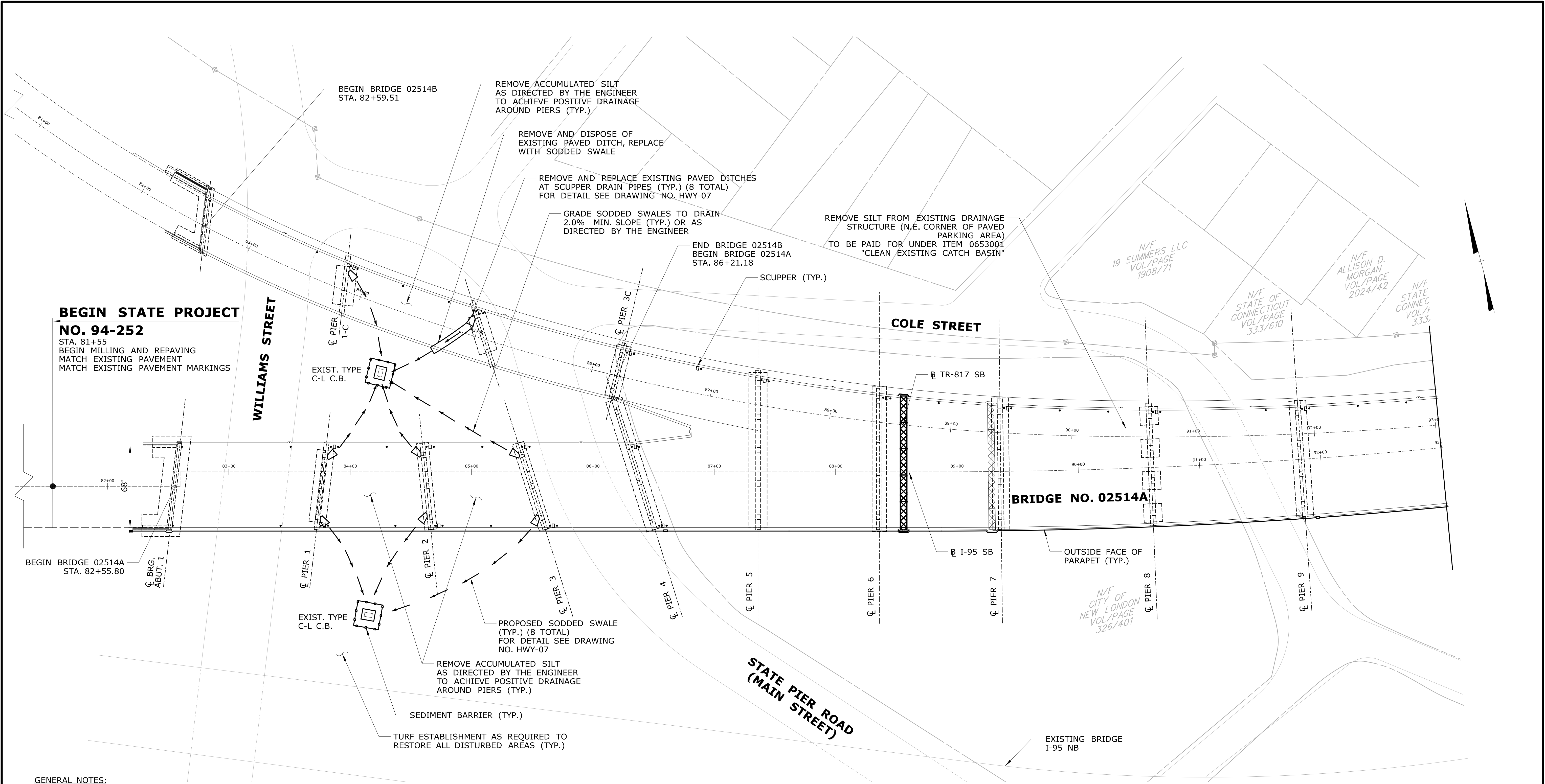




MILL AND OVERLAY
STA. 81+59 TO STA. 82+59.51
SCALE 1" = 5'



				THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO REPRESENT THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: C. DAVIS CHECKED BY: M. EGAN SCALE AS NOTED		 STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION		 Cardinal Engineering Associates, Inc. 3 Colony Street Meriden, CT 06451		SIGNATURE/ BLOCK: 		PROJECT TITLE: I-95 SB & TR 817 BRIDGE NOS. 02514A & 02514B OVER THAMES RIVER, SR 635 RR, LOCAL ROADS & STATE PIER		TOWN: NEW LONDON/GROTON		PROJECT NO. 94-252	
														DRAWING TITLE: TYPICAL APPROACH SECTIONS		DRAWING NO. HWY-05		SHEET NO. 03.05	
REV.	DATE	REVISION	DESCRIPTION	SHEET NO.	Plotted Date: 7/12/2016														



**BEGIN STATE PROJECT
NO. 94-252**

STA. 81+55
BEGIN MILLING AND REPAVING
MATCH EXISTING PAVEMENT
MATCH EXISTING PAVEMENT MARKINGS

BEGIN BRIDGE 02514A
STA. 82+55.80

EXIST. TYPE
C-L C.B.

EXIST. TYPE
C-L C.B.

REMOVE ACCUMULATED SILT
AS DIRECTED BY THE ENGINEER
TO ACHIEVE POSITIVE DRAINAGE
AROUND PIERS (TYP.)

REMOVE AND DISPOSE OF
EXISTING PAVED DITCH, REPLACE
WITH SODDED SWALE

REMOVE AND REPLACE EXISTING PAVED DITCHES
AT SCUPPER DRAIN PIPES (TYP.) (8 TOTAL)
FOR DETAIL SEE DRAWING NO. HWY-07

GRADE SODDED SWALES TO DRAIN
2.0% MIN. SLOPE (TYP.) OR AS
DIRECTED BY THE ENGINEER

END BRIDGE 02514B
BEGIN BRIDGE 02514A
STA. 86+21.18

REMOVE SILT FROM EXISTING DRAINAGE
STRUCTURE (N.E. CORNER OF PAVED
PARKING AREA)
TO BE PAID FOR UNDER ITEM 0653001
"CLEAN EXISTING CATCH BASIN"

SCUPPER (TYP.)

COLE STREET

BRIDGE NO. 02514A

OUTSIDE FACE OF
PARAPET (TYP.)

**STATE PIER ROAD
(MAIN STREET)**

EXISTING BRIDGE
I-95 NB

GENERAL NOTES:

- PAVED DITCHES, INCLUDING PROCESSED AGGREGATE BASE, BITUMINOUS CONCRETE LIP CURBING AND BITUMINOUS CONCRETE CURB MIX SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER S.Y. FOR "PAVED DITCH".
- SODDED SWALES, INCLUDING TOPSOIL, SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER S.Y. FOR "SODDING".
- THE CONSTRUCTION OF THE SODDED SWALES SHOULD OCCUR DURING THE THE SAME TIME PERIOD FOR TURF ESTABLISHMENT, MARCH 15 TO JUNE 30 AND AUGUST 15 TO OCTOBER 31.
- THE REMOVAL AND DISPOSAL OF ACCUMULATED SILT AROUND THE PIERS, PARKING AREAS, EXCAVATION AND REMOVAL OF EXISTING PAVED DITCHES AND EXCAVATION FOR SODDED SWALES SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER C.Y. FOR "DITCH EXCAVATION".
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ANY DISTURBED AREAS WITHIN THE LIMITS OF WORK.
- ALL TEMPORARY SEDIMENT CONTROLS SHALL BE MAINTAINED AND REMAIN IN PLACE UNTIL THE SITE IS STABILIZED.

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-	-	-	-
REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED
QUANTITIES OF WORK, SHOWN ON THESE
SHEETS IS BASED ON LIMITED
INVESTIGATIONS BY THE STATE AND IS
IN NO WAY WARRANTED TO INDICATE
THE CONDITIONS OF ACTUAL QUANTITIES
OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 7/12/2016

DESIGNER/DRAFTER:
C. DAVIS
CHECKED BY:
M. EGAN
SCALE IN FEET
0 40 80
SCALE 1"=40'



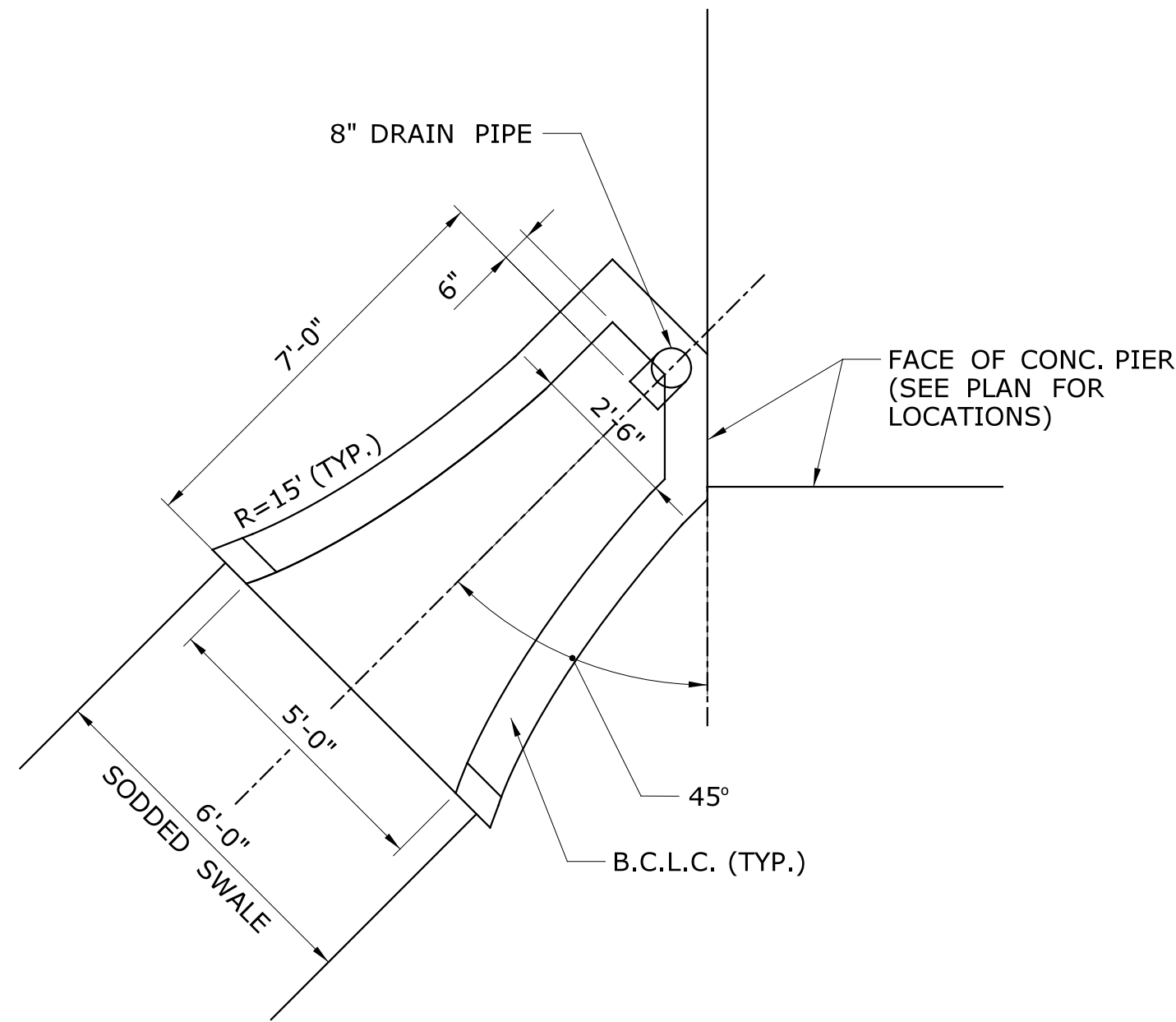
SIGNATURE/
BLOCK:

Cardinal Engineering Associates, Inc.
3 Colony Street
Meriden, CT 06451

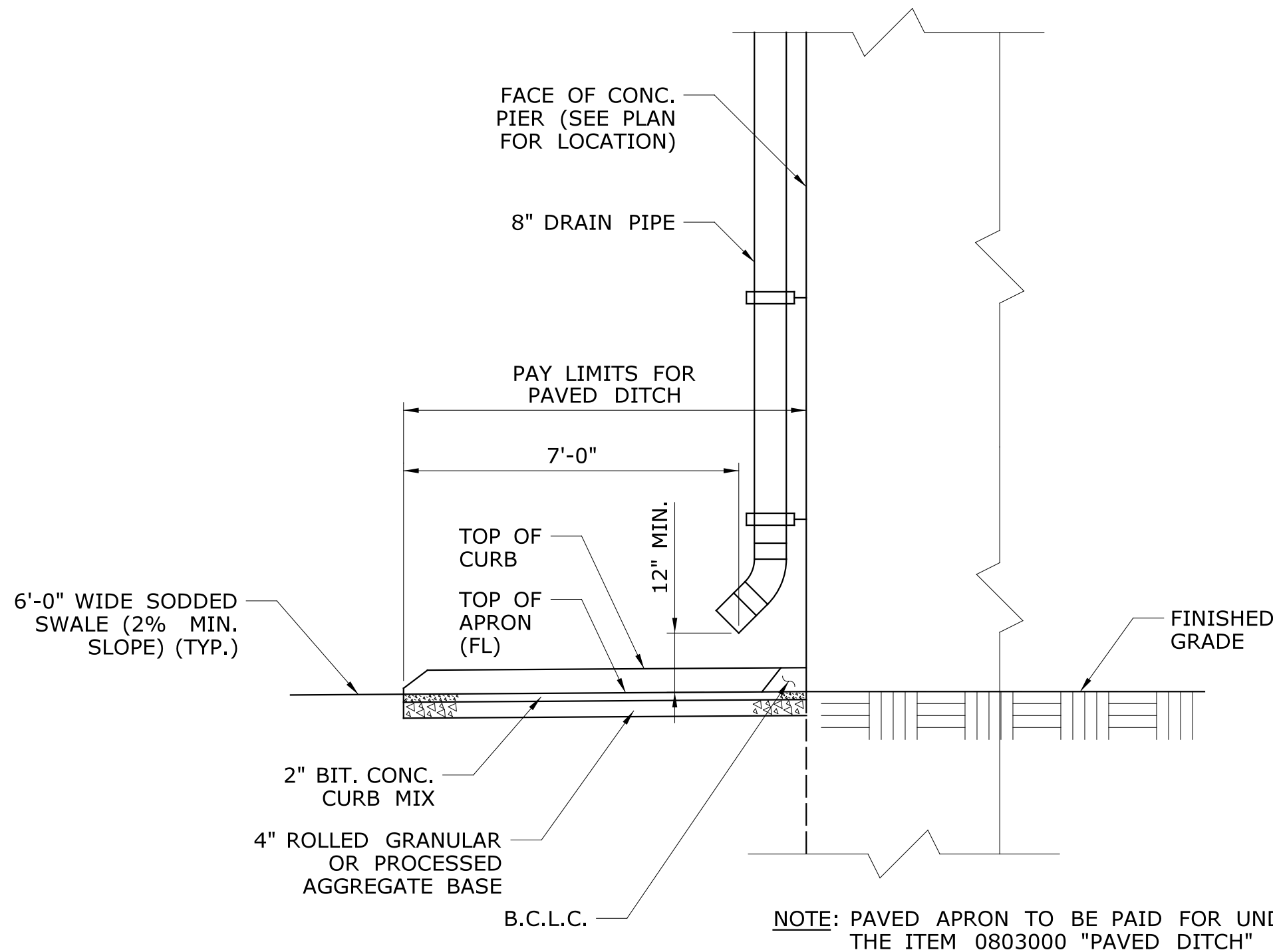
PROJECT TITLE:
**I-95 SB & TR 817 BRIDGE NOS. 02514A &
02514B OVER THAMES RIVER, SR 635
RR, LOCAL ROADS & STATE PIER**

TOWN:
NEW LONDON/GROTON
DRAWING TITLE:
**DRAINAGE MAINTENANCE
PLAN**

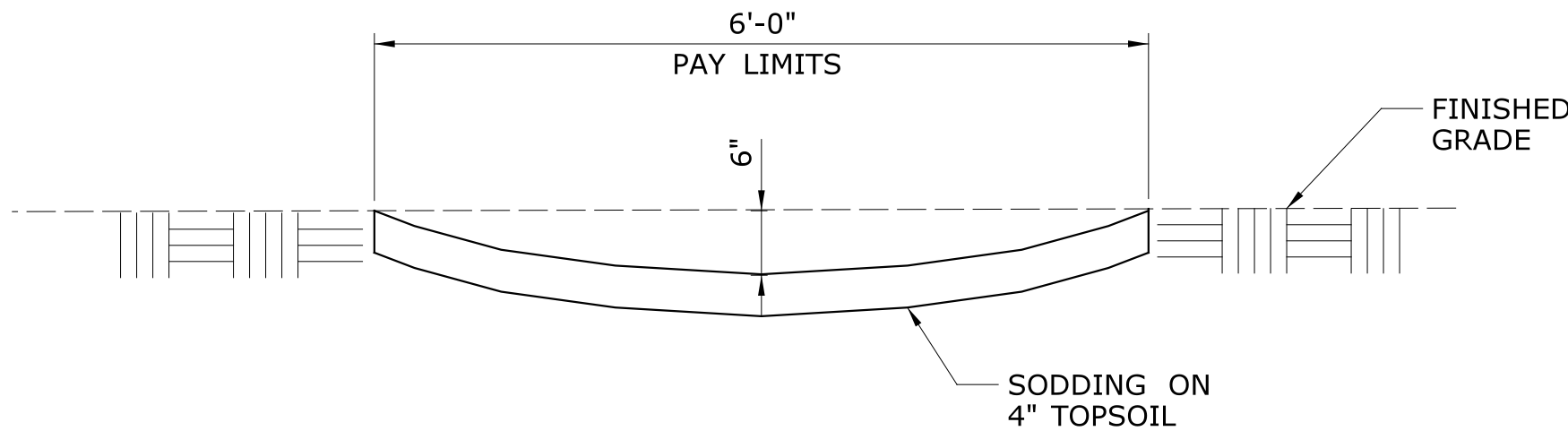
PROJECT NO.
94-252
DRAWING NO.
HWY-06
SHEET NO.
03.06



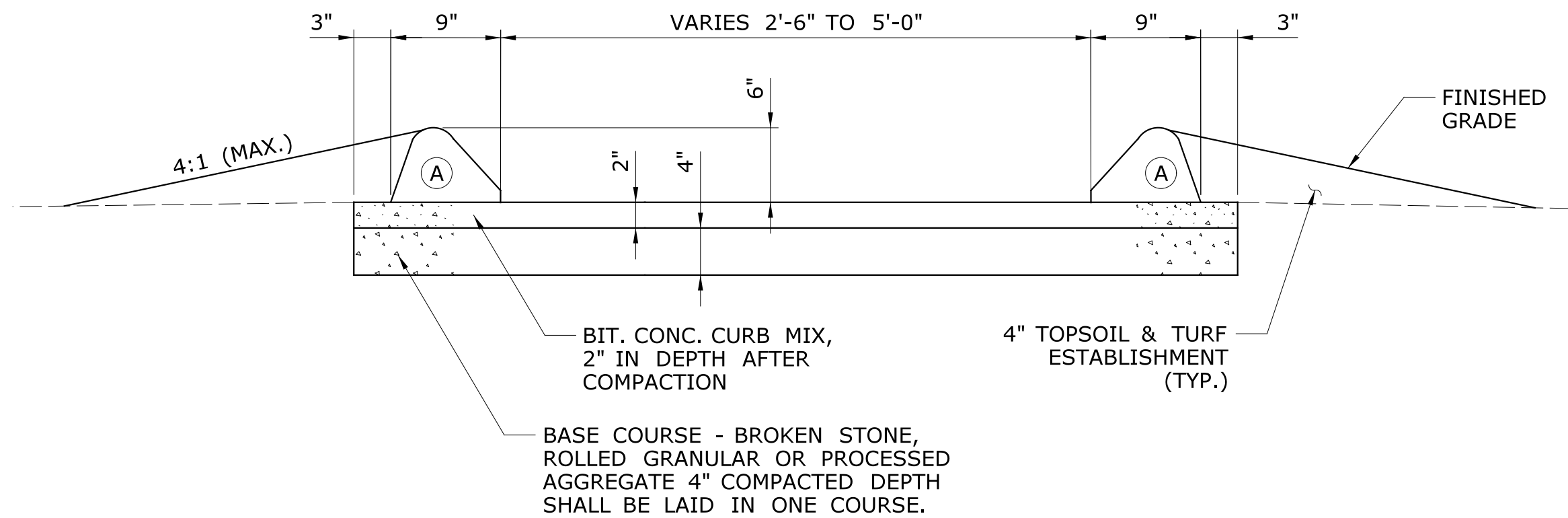
PLAN
PAVED APRON
SCALE: $\frac{3}{8}" = 1'-0"$



ELEVATION
PAVED APRON
SCALE: $\frac{3}{8}" = 1'-0"$



TYPICAL SECTION
SODDED SWALE
N.T.S.



(A) BITUMINOUS CONCRETE LIP CURBING

SECTION
PAVED DITCH
N.T.S.

GENERAL NOTE:
1. FOR LOCATIONS OF PROPOSED PAVED DITCHES AND SODDED SWALES,
SEE DRAWING NO. HWY-6

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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Plotted Date: 7/12/2016

DESIGNER/DRAFTER:
C. DAVIS
CHECKED BY:
M. EGAN
SCALE AS NOTED

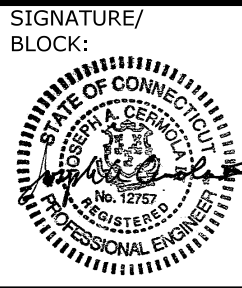


STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\\HW...MSH_0094_0252_BR_NO_02514A_DET_01.dgn



SIGNATURE/
BLOCK:



Cardinal Engineering Associates, Inc.
3 Colony Street
Meriden, CT 06451

PROJECT TITLE:
I-95 SB & TR 817 BRIDGE NOS. 02514A & 02514B OVER THAMES RIVER, SR 635 RR, LOCAL ROADS & STATE PIER

TOWN: **NEW LONDON/GROTON**
DRAWING TITLE:
MISC. DRAINAGE DETAILS

PROJECT NO.
94-252
DRAWING NO.
HWY-07
SHEET NO.
03.07

BEGIN STATE PROJECT NO. 94-252

STA. 81+55
BEGIN MILLING AND REPAVING
MEET EXISTING PAVEMENT
MEET EXISTING PAVEMENT MARKINGS

STA. 81+59
BEGIN MILLING AND REPAVING OF BRIDGE 02514B
MEET EXISTING PAVEMENT
MEET EXISTING PAVEMENT MARKINGS

ABUT. 1

ABUT. 2

1C, 2C, 3C

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29

STAGE 1

STAGE 2

STAGE 3

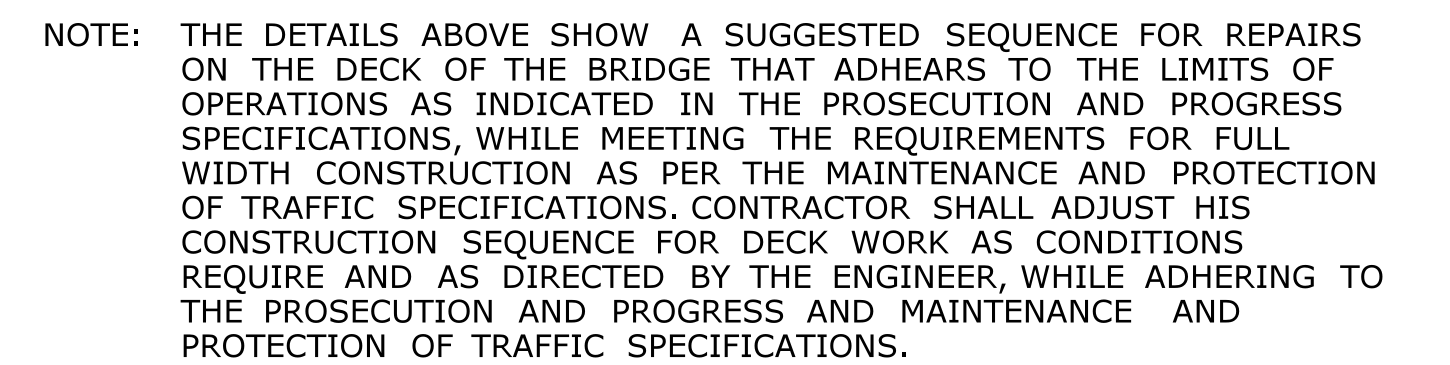
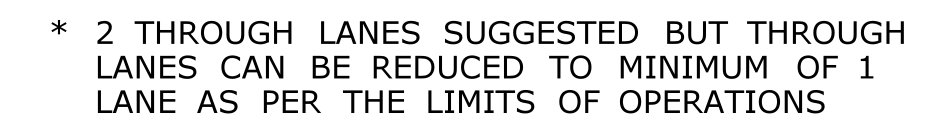
STAGE 4

ABUT. 3

END STATE PROJECT NO. 94-252

STA. 147+18
END MILLING AND REPAVING
MEET EXISTING PAVEMENT
MEET EXISTING PAVEMENT MARKINGS

PAVING STAGING PLAN
SCALE: 1" = 250'



RECOMMENDED CONSTRUCTION SEQUENCE FOR FULL WIDTH CONSTRUCTION AS PER LIMITS OF OPERATIONS

[illegible]